

SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product: **Fluorine Free Wet Chem Extinguisher**
Product Use: Fire Extinguishing Agent
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Safeworld Limited**
Address: 17 Fairfax Avenue
Penrose
Auckland, 1061

Telephone: +64 9 218 9403
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 7 November 2025

Section 2. Hazards Identification

This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

This substance is not hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

Pictograms

Signal Word: **Warning**

GHS Category	Hazard Code	Hazard Statement
Compressed Gas	H280	Contains gas under pressure may explode if heated.

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions.

Response Code	Response Statement
None Allocated	

Storage Code	Storage Statement
P403	Store in a well-ventilated place.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Sodium meta phosphate	<10%	10361-03-2

Kalium hydrogen carbonate	<25%	298-14-6
Propellent	To 100%	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Seek medical attention if needed.
If on Skin	Wash skin with plenty of water. If skin irritation occurs: Get medical advice/ attention.
If Swallowed	Rinse mouth. Never give anything to the mouth of an unconscious person. Seek medical attention if needed.
If Inhaled	Remove person to fresh air. Allow person to assume most comfortable position and keep warm. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms: None known.

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable
Hazards from combustion products	None known.
Suitable Extinguishing media	The product is a fire-extinguisher.
Precautions for firefighters and special protective clothing	NO special protective equipment is needed for fire-fighters.
HAZCHEM CODE	None Allocated

Section 6. Accidental Release Measures

For emergency responders:

Wear protective equipment as detailed in Section 8. Remove ignition sources.

Environmental precautions:

Do not allow to enter drainage system, surface or ground water. Prevent from spreading (e.g. by damming-in or oil barriers). Do not allow to enter the ground/soil.

Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable containers. Larger amounts should be pumped into containers. Wash away remainder with plenty of water. Dispose of as per Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Avoid prolonged or repeated contact with skin.

Precautions for Storage:

- Storage temperature: +5°C - +60°C.
- Keep containers tightly closed.
- Ensure good ventilation/exhaustion at the storage and work place.
- Use only containers specifically permitted for this substance/product.

Section 8**Exposure Controls / Personal Protection****WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA	STEL
	ppm mg/m ³	ppm mg/m ³

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices Feb 2025 15TH EDITION.

Engineering Controls

None expected to be needed. Mechanical ventilation is recommended.

Personal Protection Equipment

Eyes	Not required.
Skin	Wear chemical glove and blinker to use it, wash hand after use.
Respiratory	No special measures needed.
General Hygiene	Not required.

Section 9**Physical and Chemical Properties**

Appearance	Not available
Colour	Not available
Odour	Not available
Odour Threshold	Not available
pH	Not available
Boiling Point	100 °C
Melting/Freezing Point	Not available
Flash Point	Not available
Flammability	Not flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Density (20°C)	1.06 g/cm ³
Water Solubility	Complete
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	No data available.
Conditions to Avoid	No data available.
Incompatible Materials	No data available.
Hazardous Decomposition Products	No data available.

Section 11 Toxicological Information

Acute Effects:

Swallowed	This product is not classified as acutely toxic.
Dermal	This product is not classified as acutely toxic.
Inhalation	This product is not classified as acutely toxic.
Eye	This product is not classified as an eye irritant/corrosive.
Skin	This product is not classified as a skin irritant/corrosive.

Chronic Effects:

Carcinogenicity	This product is not classified as carcinogenic.
Reproductive Toxicity	This product is not classified as toxic for reproduction.
Germ Cell Mutagenicity	This product is not classified as mutagenic.
Aspiration	This product is not classified as Asp Tox.
STOT/SE	This product is not classified as STOT SE.
STOT/RE	This product is not classified as STOT RE.

Section 12. Ecotoxicological Information

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Product:	
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method:

Dispose as per Local Regulations. Must not be disposed of together with household garbage.

Precautions or methods to avoid: Do not allow product to reach sewage system.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021



Road, Rail, Sea and Air Transport

UN No	1044
Class - Primary	2.2
Packing Group	III
Proper Shipping Name	FIRE EXTINGUISHERS CONTAINING COMPRESSED GAS
Marine Pollutant	No

Section 15 Regulatory Information

This substance is NOT classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

Section 16 Other Information**Glossary**

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Feb 2025 15th edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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